

Apparatus and Method for Providing Heated Effluent Gases to a Scrubber

Abstract of the Disclosure

[0039] A low-maintenance scrubber inlet device is provided for delivering effluent gases to gas scrubbers. The scrubber inlet device comprises a scrubber interface device in fluid communication with an inlet manifold. The inlet manifold is configured to receive effluent gases and direct the effluent gases into the scrubber interface device while maintaining the temperature of the effluent gases. In some instances, a heated gas is introduced into the inlet manifold to maintain the effluent gas temperature. The scrubber interface device is configured to deliver the effluent gas stream from the inlet manifold to the gas scrubbing system, and to have a very low susceptibility to clogging.